

EXPLANATION

STRUCTURE CONTOUR SYMBOLS

WELL SYMBOLS

OIL WELL, SHUT IN

SHOW OF OIL, ABANDONED

GAS WELL, SHOW OF OIL

GAS WELL, SHUT IN

GAS WELL, ABANDONED

DRY HOLE, ABANDONED

WATER WELL, ABANDONED

BITUMINOUS SURFACED ROAD

FOUND CORNER 6 SECTION NUMBER SECTION CORNER WITH ELEVATION

INADEQUATE TEST

MISCELLANEOUS SYMBOLS

THE TEXAS CO. (OIL)

8-- J.H. AGEN (GAS)

-9-- KEVIN GAS DIST. CO. (GAS)

INDEX MAP OF KEVIN-SUNBURST DOME Showing Location, of T. 35 N.,R 3 W.

-- MONTANA DAKOTA UTILITIES CO. (GAS)

OIL WELL

CONTROL BY SURFACE MAPPING

CONTROL BY INTERPOLATION OR WELL LOGS

OIL WELL, SUNBURST SAND PRODUCTION

OIL WELL, SHOW OF GAS, ABANDONED SHOW OF OIL AND GAS, ABANDONED

GAS WELL, SHOW OF OIL, ABANDONED

SULFUR SPRING

COMPOSITE SECTION OF EXPOSED ROCKS

TWO MEDICINE FM.

Shale and sandstane interbedded, gray to but

Magnetite sandstone, alive drab to dark gray

Sandstone, soft, friable, thin-bedded with son
thin beds lignite; makes slope

0 25 50 100

VERTICAL SCALE

Sandstone, gray-buff, massive, cliff-making
VIRGELLE SANDSTONE MEMBER
Sandstone, buff, fine-to medium-grained,
thin-bedded

Sandstone, shale, and sittstane interbedded gray, fine-grained, thin, with accasional fle calcareous concretions
Sandstone, gray, soft; makes slape
TRANSITION ZONE

Sandstone and sittstone interbedded, gray, fine-grained, often cross-bedded and cortaining occasional concretions as above.

Sandstone, very massive, cliff-making, gray—buff, dense with ferruginous sandstone concretions in upper 3 feet.

Sandstone and siltstone, gray to buff, fine-gn thin-bedded with limestone conc. near bas Bentonite CONTOUR DATUM

Shale, soft, dark gray

B Limestane, cancretionary, gray, weathers

A Limestane, impure, cream, crinkly

C Limestane, concretionary, dark gray, ave

D Limestane, concretionary, gray, sandy; almost continuous layer

E Limestone, concretionary, ferruginous.
A "red chip" zone; persistent

yellaw, gnarly, fairly persistent

F. Concretianary intreformational mud pellet conglomerate; wanthers arange—buff with light gray pellets; very persistent and distinctive, with dark chert Limestone, concretionary, gnarly brown masse G Limestone, concretionary

H Limestane, concretionery, weathering buff a base Sandstone, fine—grained, "chippy"

I Calcite, light gray weathering ton, fibrou cane-in-cane structure; makes bench as Limestone, concretionary, gray, dense, weathering brownish

K Limestone, cancretianary, gray, dense; makes gnarty maunds

paoriy rissile; numerous bentonire be

M Limestone, concretionary, gray, weathering dark; capped by brown mudstane; makes terrace

LETTERED BEDS IN COLORADO GROUP ARE MARKERS FOR STRUCTURAL
MAPPING. LACK OF CONTINUITY OF BEDS RESULTS FROM ERRATIC
COVER OF GLACIAL DRIFT

GLACIAL DRIFT AND ALLUVIUM ARE NOT SHOWN IN THE AB SECTION OR ON THE MAP

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